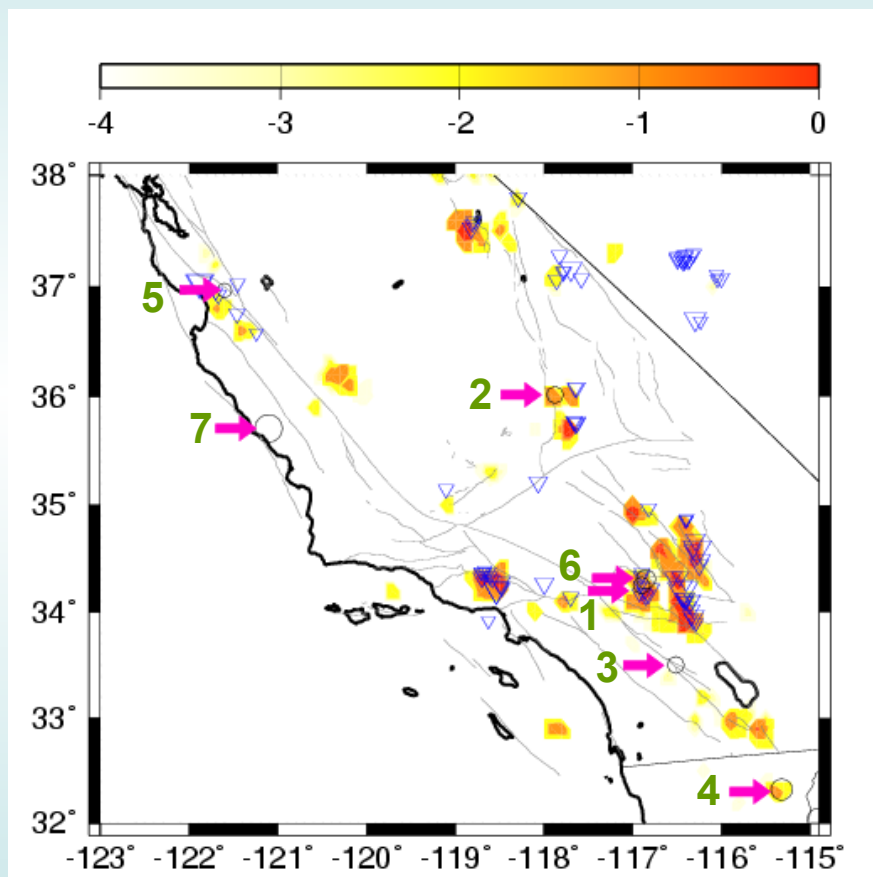


# Status of the Real Time Earthquake Forecast Experiment

(JB Rundle, KF Tiampo, W. Klein, JSS Martins, PNAS, v99, Supl 1, 2514-2521, Feb 19, 2002; KF Tiampo, KF Tiampo, JB Rundle, S. McGinnis, S. Gross and W. Klein, Europhys. Lett., 60, 481-487, 2002 )

## How are We Doing?



**Plot of  $\text{Log}_{10} \Delta P(x)$**

Potential for large earthquakes,  $M \geq 5$ , ~ 2000 to 2010

### Success:

Five large events with  $M \geq 5$  have occurred in C. or S. CA on anomalies, or within the margin of error ( $\pm 11$  km; Data from SCEC catalog):

#### After the work was completed -

1. Big Bear I,  $M = 5.1$ , Feb 10, 2001
2. Coso,  $M = 5.1$ , July 17, 2001

#### After the paper was in press

#### (September 1, 2001) -

- 3 Anza,  $M = 5.1$ , Oct 31, 2001

#### After the paper was published

#### (February 19, 2002) -

4. Baja,  $M = 5.7$ , Feb 22, 2002
5. Gilroy,  $M=4.9 - 5.1$ , May 13, 2002
6. Big Bear II,  $M=5.4$ , Feb 22, 2003

### Failure:

One large event with  $M \geq 5$  has occurred in C. or S. CA outside the margin of error of ( $\pm 11$  km)

7. San Simeon,  $M = 6.5$ , Dec 22, 2003
- (Failure may be due to lack of  $M \sim 3$  events there)